



## PATENT ABSTRACTS OF JAPAN

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(54) **PROPHYLACTIC AND/OR THERAPEUTIC  
 AGENT FOR PYRUVIC ACID DEFICIENCY  
 AND/OR HYPERLACTACIDEMIA**

(57) Abstract:

**PROBLEM TO BE SOLVED:** To obtain the subject prophylactic agent and/or therapeutic agent for the pyruvic acid deficiency and/or hyperlactacidemia induced from a hypoxic state as a cause due to the alcohol ingestion, muscular motion, diabetes, etc., by including a specific amount of sodium pyruvate.

**SOLUTION:** This prophylactic agent or a therapeutic agent or both for pyruvic acid deficiency and/or hyperlactacidemia induced from a hypoxic state as a cause

due to the alcohol ingestion, muscular motion, diabetes and cerebral infarction are obtained by including 30-400 mg/kg/day sodium pyruvate expressed in terms of pyruvic acid. A tablet such as a sugar-coated tablet, a coated tablet or a buccal tablet, a powder, a capsule, etc., are cited as an oral administration pharmaceutical preparation of the pyruvic acid. A syrup agent such as a suspension, an emulsion or a dry syrup, an elixir, etc., are cited as a liquid preparation for oral administration. The above pharmaceutical preparations as pharmaceutical compositions are administered together with a carrier, an excipient (e.g. lactose), a binder (e.g. starch), a disintegrating agent (e.g. agar), a lubricant (e.g. magnesium stearate), etc.

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